Author Index

Antonelli, M.L., see Salieri, G. 287

Bakken, G.A.

- and Kalivas, J.H.

Assessing chromatographic peak purity using condition index and singular value evolving profiles 173

Berzas Nevado, J.J.

-, Lemus Gallego, J.M. and Buitrago Laguna, P.

Spectrophotometric determination of catecholamines with metaperiodate by flow-injection analysis 293

Bielejewska, A.

—, Kożbiał, M., Nowakowski, R., Duszczyk, K. and Sybilska, D.

Studies on the behaviour of α -, β - and γ -cyclodextrins and some derivatives under reversed-phase liquid chromatographic conditions 201

Bilitewski, U., see Günther, A. 117

Bloemendal, H.

- and Satijn, M.

Simple reversible staining of proteins transferred from polyacrylamide gels onto nitrocellulose membranes 1

Bock, U., see Kullick, T. 25

Bøwadt, S., see De Boer, J. 155

Brinkman, U.A.Th., see De Boer, J. 155

Buitrago Laguna, P., see Berzas Nevado, J.J. 293

Burns, D.T.

- and Lewis, R.J.

Analysis and characterisation of nitroglycerine based explosives by proton magnetic resonance spectrometry 221

Cabredo Pinillos, S.

-, Sanz Asensio, J. and Galbán Bernal, J.

Simultaneous determination of arsenic, antimony and selenium by gas-phase diode array molecular absorption spectrometry, after preconcentration in a cryogenic trap 321

Cao, X.-L.

-, Hewitt, C.N. and Waterhouse, K.S.

Study of the responses of a gas chromatography-reduction gas detector system to gaseous hydrocarbons under different conditions 193

Chang, C.-M.

- and Huang, H.-J.

Impedance analysis of the transport of counter ions at polypyrrole-Nafion composite electrodes 15

Chang, W.-B., see Ci, Y.-X. 273

Chang, W.-B., see Tie, J.-K. 215

Chen, G.

-, Mei, E., Gu, W., Zeng, X. and Zeng, Y.

Instrument for Hadamard transform three-dimensional fluorescence microscope image analysis 261

Chen, L., see Wang, J. 127

Chen, Q., see Wang, J. 111

Ci, Y.-X.

-, Qin, Y., Chang, W.-B. and Li, Y.-Z.

Application of a mimetic enzyme for the enzyme immunoassay for α -1-fetoprotein 273

Ci, Y.-X., see Tie, J.-K. 215

Cronan, C.S., see Plankey, B.J. 227

Csapó, J.

—, Csapó-Kiss, Z., Martin, T.G., Folestad, S., Orwar, O., Tivesten, A. and Némethy, S.

Age estimation of old carpets based on cystine and cysteic acid content 313

Csapó-Kiss, Z., see Csapó, J. 313

Dao, K.L., see Fung, Y.S. 207

Dao, Q.T., see De Boer, J. 155

De Boer, J.

-, Dao, Q.T., Wester, P.G., Bøwadt, S. and Brinkman, U.A.Th.

Determination of mono-ortho substituted chlorobiphenyls by multidimensional gas chromatography and their contribution to TCDD equivalents 155

De Luca Rebello Wagener, A., see Erthal Santelli, R. 149

Deng, J., see Liu, H. 65

De Robertis, A.

-, Di Giacomo, P. and Foti, C.

Ion-selective electrode measurements for the determination of formation constants of alkali and alkaline earth metals with low-molecular-weight ligands 45

Di Giacomo, P., see De Robertis, A. 45

Djurdjevic, P.T.

-, Jelikic-Stankov, M. and Stankov, D.

Fluorescence reaction and complexation equilibria between norfloxacin and aluminium(III) ion in chloride medium 253

Duarte, A.C., see Gomes, M.T. 329

Duszczyk, K., see Bielejewska, A. 201

Ensafi, A.A., see Safavi, A. 307

Erthal Santelli, R.

—, Salgado Lopes, P.R., Leme Santelli, R.C. and De Luca Rebello Wagener, A.

Turbidimetric determination of sulphate in waters employing flow injection and lead sulphate formation 149

Folestad, S., see Csapó, J. 313

Foti, C., see De Robertis, A. 45

Fung, Y.S.

- and Dao, K.L.

Ion chromatographic determination of traces of some oxoanions with direct spectrophotometric detection 207

Galbán Bernal, J., see Cabredo Pinillos, S. 321

Gartske, C.

- and Huber, C.O.

Amperometric determination of oxidizable solutes in water with a solution exchange technique 53

Ghourchian, H.O.

- and Kamo, N.

Latex piezoelectric immunoassay: effect of interfacial properties 99

Gomes, M.T.

-, Duarte, A.C. and Oliveira, J.P.

Comparison of two methods for coating piezoelectric crystals 329

Grases, F., see March, J.G. 269

Gu, W., see Chen, G. 261

Günther, A.

- and Bilitewski, U.

Characterisation of inhibitors of acetylcholinesterase by an automated amperometric flow-injection system 117

Håkanson, H., see Shu, H.-C. 277

Hewitt, C.N., see Cao, X.-L. 193

Higson, S.P.J.

- and Vadgama, P.M.

Diamond like carbon coated films for enzyme electrodes; characterization of biocompatibility and substrate diffusion limiting properties 77

- and Vadgama, P.M.

Diamond like carbon films for enzyme electrodes: characterisation of novel overlying permselective barriers 85

Huang, H.-J., see Chang, C.-M. 15

Huang, X.

-, Pot, J.J. and Kok, W.Th.

Electrochemical characteristics of conductive carbon cement as matrix for chemically modified electrodes 5

Huber, C.O., see Gartske, C. 53

Iijima, S., see Mizutani, F. 59

Ioannou, P.C.

-, Lianidou, E.S. and Konstantianos, D.G.

Simple, rapid and sensitive spectrofluorimetric determination of diflunisal in serum and urine based on its ternary complex with terbium and EDTA 237 Jelikic-Stankov, M., see Djurdjevic, P.T. 253 Jiang, Z.-L.

-, Liao, L.-X. and Liu, M.-D.

Catalytic method for the determination of traces of tungsten by linear scan voltammetry 107

Kalivas, J.H., see Bakken, G.A. 173

Kamo, N., see Ghourchian, H.O. 99

Kok, W.Th., see Huang, X. 5

Konstantianos, D.G., see Ioannou, P.C. 237

Kożbiał, M., see Bielejewska, A. 201

Kriz, D.

- and Mosbach, K.

Competitive amperometric morphine sensor based on an agarose immobilised molecularly imprinted polymer 71

Kullick, T.

—, Bock, U., Schubert, J., Scheper, T. and Schügerl, K. Application of enzyme-field effect transistor sensor arrays as detectors in a flow-injection analysis system for simultaneous monitoring of medium components. Part II. Monitoring of cultivation processes 25

Lahuerta Zamora, L.

- and Martinez Calatayud, J.

Continuous flow-injection-atomic absorption spectrometric method for the determination of Ondansetron 143 Lau, O.-W.

- and Mok, C.-S.

Indirect conductimetric detection of amino acids after liquid chromatographic separation 183

Leme Santelli, R.C., see Erthal Santelli, R. 149

Lemus Gallego, J.M., see Berzas Nevado, J.J. 293

Lewis, R.J., see Burns, D.T. 221

Li, S., see Raba, J. 299

Li, Y.-Z., see Ci, Y.-X. 273

Lianidou, E.S., see Ioannou, P.C. 237

Liao, L.-X., see Jiang, Z.-L. 107

Liu, H.

- and Deng, J.

Amperometric glucose sensor using tetrathiafulvalene in Nafion gel as electron shuttle 65

Liu, M.-D., see Jiang, Z.-L. 107

Lund, W., see Zernichow, L. 167

Malinowska, E.

- and Meyerhoff, M.E.

Role of axial ligation on potentiometric response of Co(III) tetraphenylporphyrin-doped polymeric membranes to nitrite ions 33

March, J.G.

-, Villacampa, A.I. and Grases, F.

Enzymatic-spectrophotometric determination of phytic acid with phytase from Aspergillus ficuum 269

Martin, T.G., see Csapó, J. 313

Martinez Calatayud, J., see Lahuerta Zamora, L. 143

Mattiasson, B., see Shu, H.-C. 277

Mei, E., see Chen, G. 261

Meyerhoff, M.E., see Malinowska, E. 33 Mizutani, F.

-, Yabuki, S. and Iijima, S.

Amperometric glucose-sensing electrode based on carbon paste containing poly(ethylene glycol)-modified glucose oxidase and cobalt octaethoxyphthalocyanine 59

Mok, C.-S., see Lau, O.-W. 183 Mosbach, K., see Kriz, D. 71 Mottola, H.A., see Raba, J. 299

Némethy, S., see Csapó, J. 313

Neshkova, M.

- and Pancheva, E.

Chalcogenide based all-solid-state thin electroplated ionselective membrane for Hg(II) flow-injection determinations 133

Nowakowski, R., see Bielejewska, A. 201

Ohkura, Y., see Saito, M. 243 Oliveira, J.P., see Gomes, M.T. 329 Orwar, O., see Csapó, J. 313

Pancheva, E., see Neshkova, M. 133 Patterson, H.H., see Plankey, B.J. 227 Pedrero, M., see Wang, J. 111 Pingarrón, J.M., see Wang, J. 111 Plankey, B.J.

—, Patterson, H.H. and Cronan, C.S.
Kinetic analysis of aluminum complex formation with different soil fulvic acids 227

Pot, J.J., see Huang, X. 5

Qin, Y., see Ci, Y.-X. 273

Raba, J.

-, Li, S. and Mottola, H.A.

Spectrophotometric cell comprising parallel rotating and stationary bioreactors: application to the determination of glucose in serum samples 299

Safavi, A.

- and Ensafi, A.A.

Kinetic spectrophotometric determination of hydrazine 307 Saito, M.

-, Ushijima, T., Sasamoto, K., Yakata, K., Ohkura, Y. and Ueno, K.

2-(5-Hydrazinocarbonyl-2-thienyl)-5,6-methylenedioxybenzofuran and 2-(5-hydrazinocarbonyl-2-furyl)-5,6-methylenedioxybenzofuran as novel fluorescence derivatisation reagents for carboxylic acids in liquid chromatography 243

Salgado Lopes, P.R., see Erthal Santelli, R. 149 Salieri, G.

-, Vinci, G. and Antonelli, M.L.

Microcalorimetric study of the enzymatic hydrolysis of starch: an α -amylase catalyzed reaction 287

Sanz Asensio, J., see Cabredo Pinillos, S. 321

Sasamoto, K., see Saito, M. 243

Satijn, M., see Bloemendal, H. 1

Scheper, T., see Kullick, T. 25

Schubert, J., see Kullick, T. 25

Schügerl, K., see Kullick, T. 25

Shu, H.-C.

-, Håkanson, H. and Mattiasson, B.

On-line monitoring of D-lactic acid during a fermentation process using immobilized D-lactate dehydrogenase in a sequential injection analysis system 277

Stankov, D., see Djurdjevic, P.T. 253 Sybilska, D., see Bielejewska, A. 201

Tie, J.-K.

-, Chang, W.-B. and Ci, Y.-X.

Peroxidatic activity of metalloporphyrin binding to serum albumin: enhancement effect of serum albumin on metalloporphyrin catalyzed luminol chemiluminescence reaction 215

Tivesten, A., see Csapó, J. 313

Ueno, K., see Saito, M. 243 Ushijima, T., see Saito, M. 243

Vadgama, P.M., see Higson, S.P.J. 77, 85 Villacampa, A.I., see March, J.G. 269 Vinci, G., see Salieri, G. 287

Wang, J.

-, Chen, L. and Wu, H.

Gradient flow-injection amperometry based on induced retention by the detector coating 127

-, Chen, Q., Pedrero, M. and Pingarrón, J.M.

Screen-printed amperometric biosensors for glucose and alcohols based on ruthenium-dispersed carbon inks 111

Waterhouse, K.S., see Cao, X.-L. 193 Wester, P.G., see De Boer, J. 155 Wu, H., see Wang, J. 127

Yabuki, S., see Mizutani, F. 59 Yakata, K., see Saito, M. 243 Yu, P.

- and Zhou, D.

Thin-film biosensor for the measurement of glucose concentration in human serum and urine 91

Zeng, X., see Chen, G. 261

Zeng, Y., see Chen, G. 261

Zernichow, L.

- and Lund, W.

Size exclusion chromatography of aluminium species in natural waters 167

Zhou, D., see Yu, P. 91